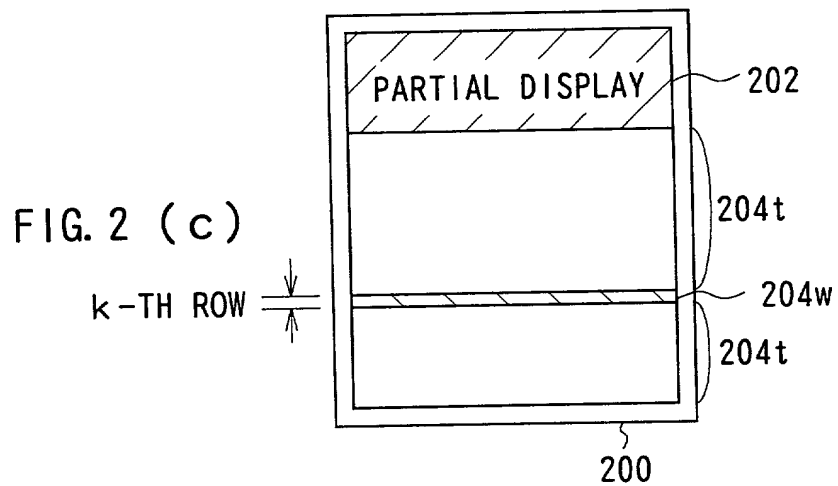
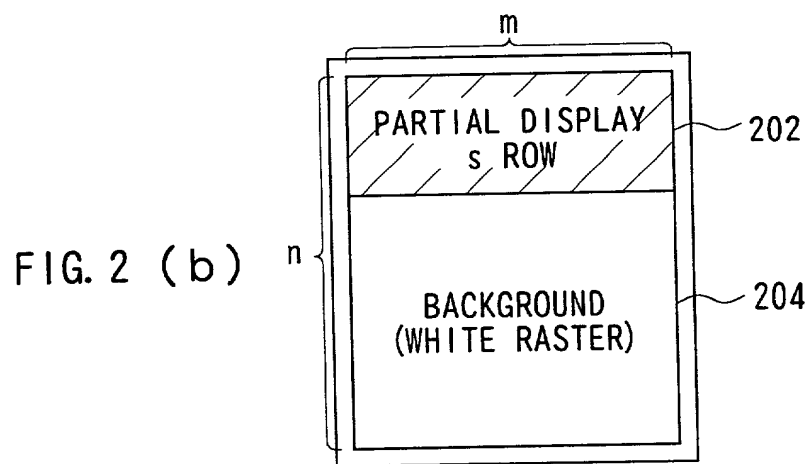
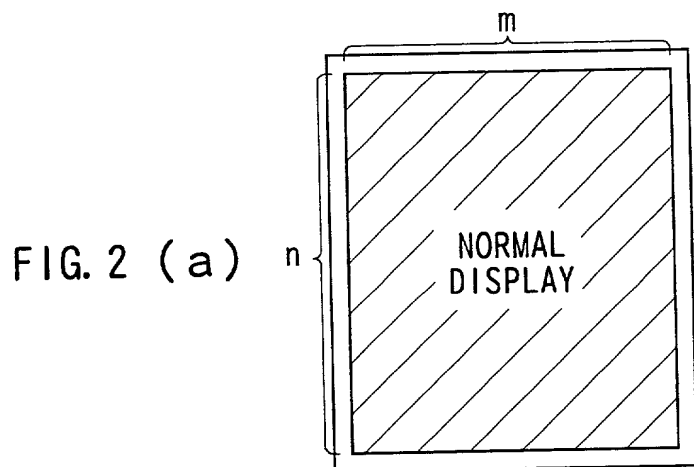
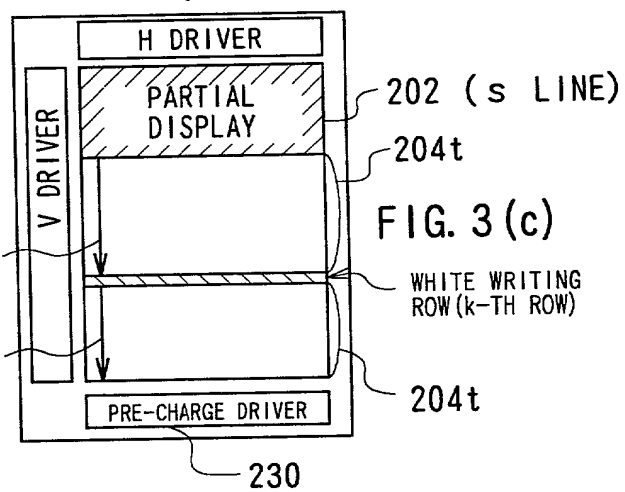
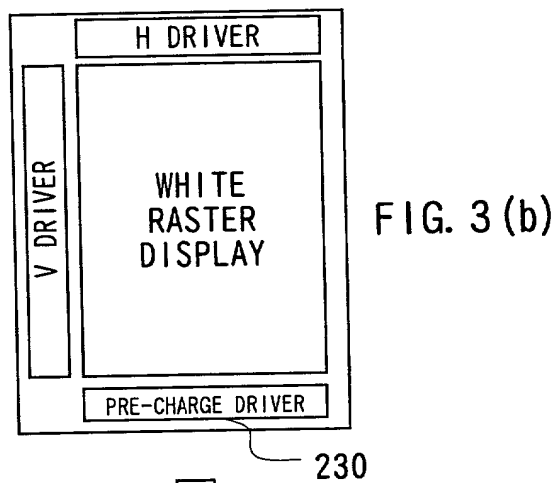
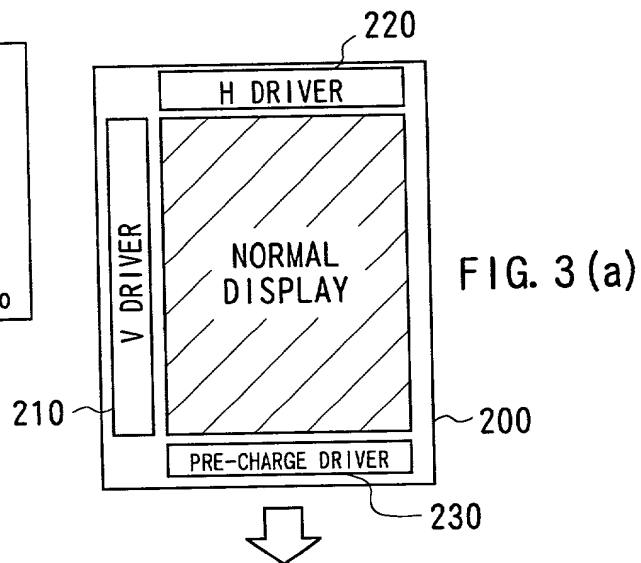
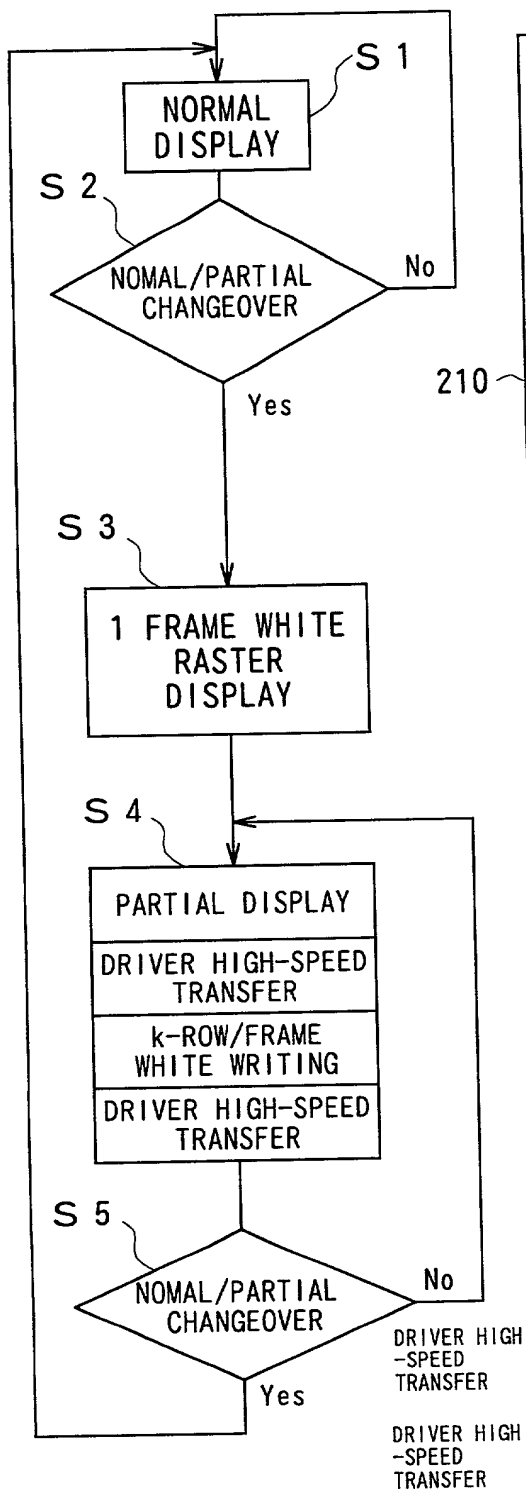


FIG. 1





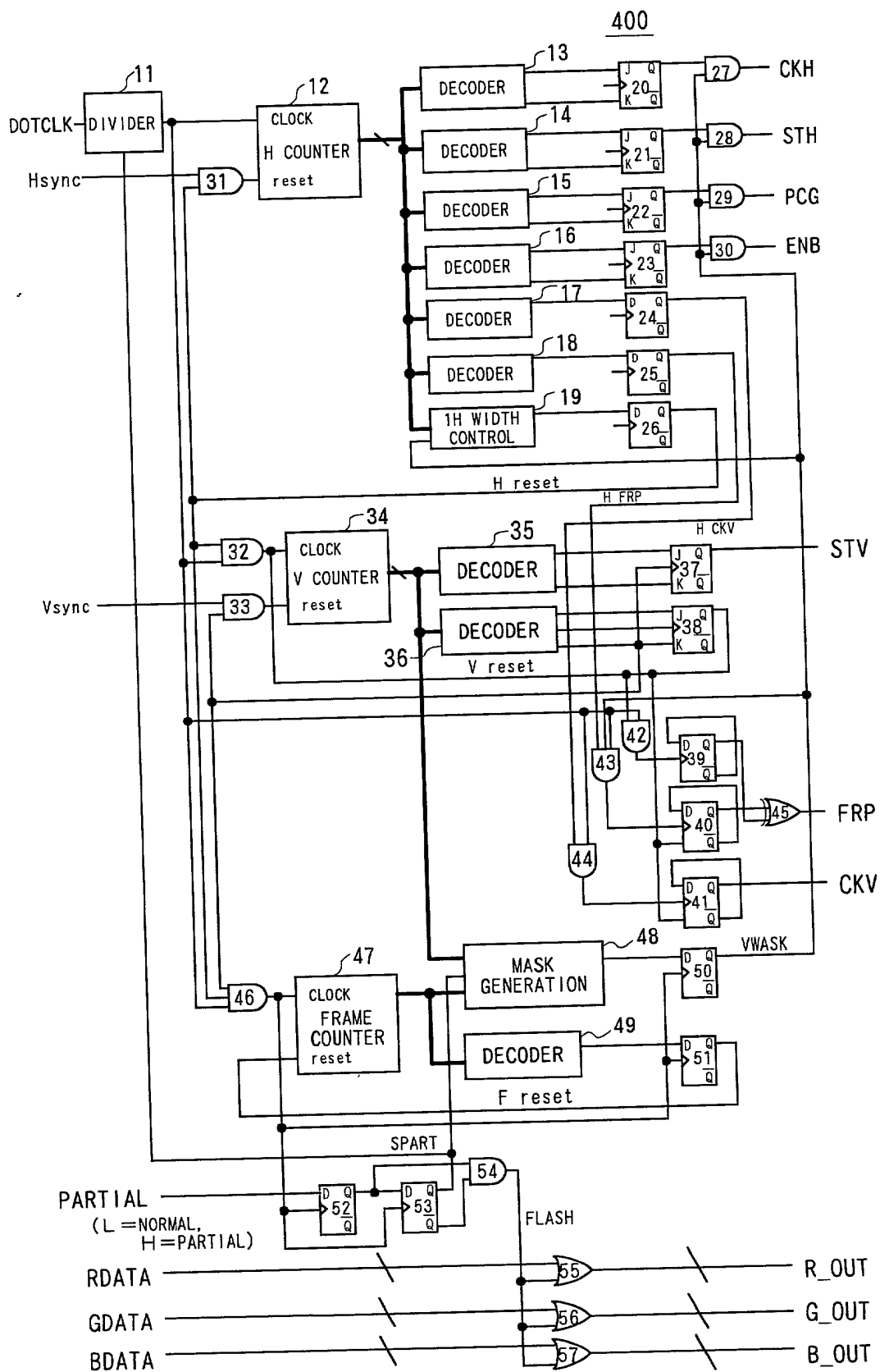


FIG. 4

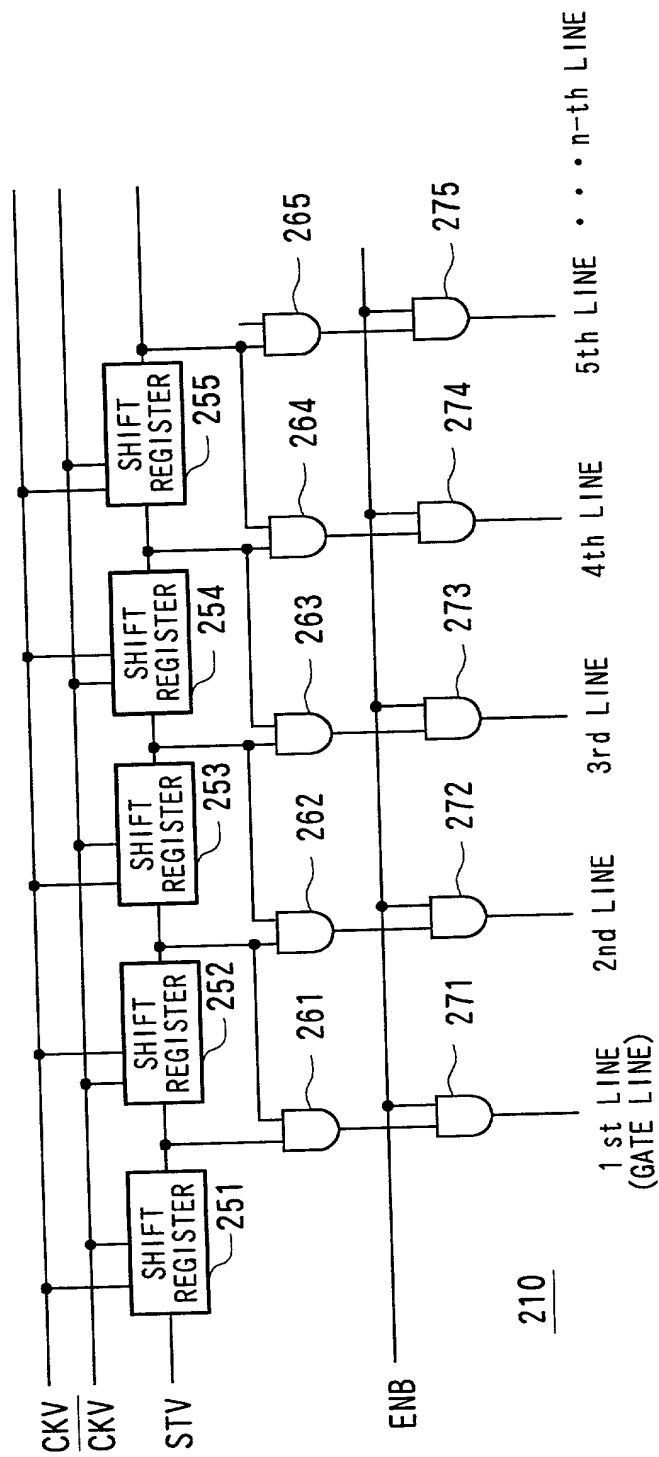


FIG. 5

11:FREQUENCY DIVIDER(DIVIDE-BY-FOUR CIRCUIT)

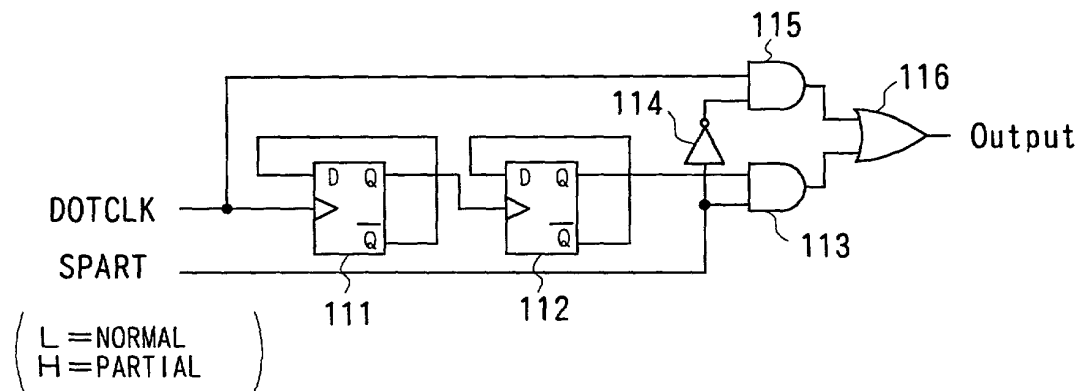
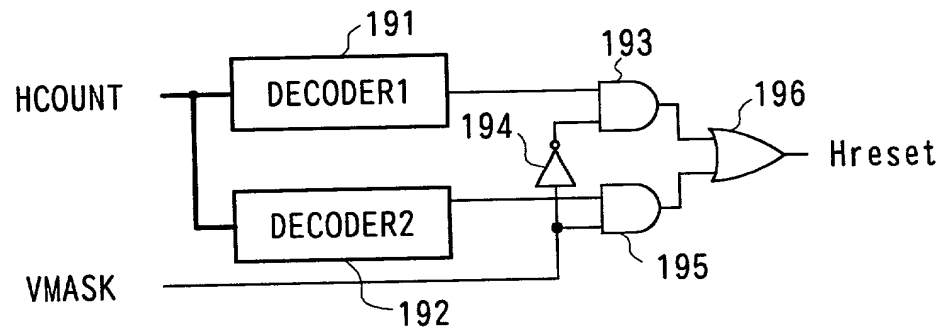


FIG. 6

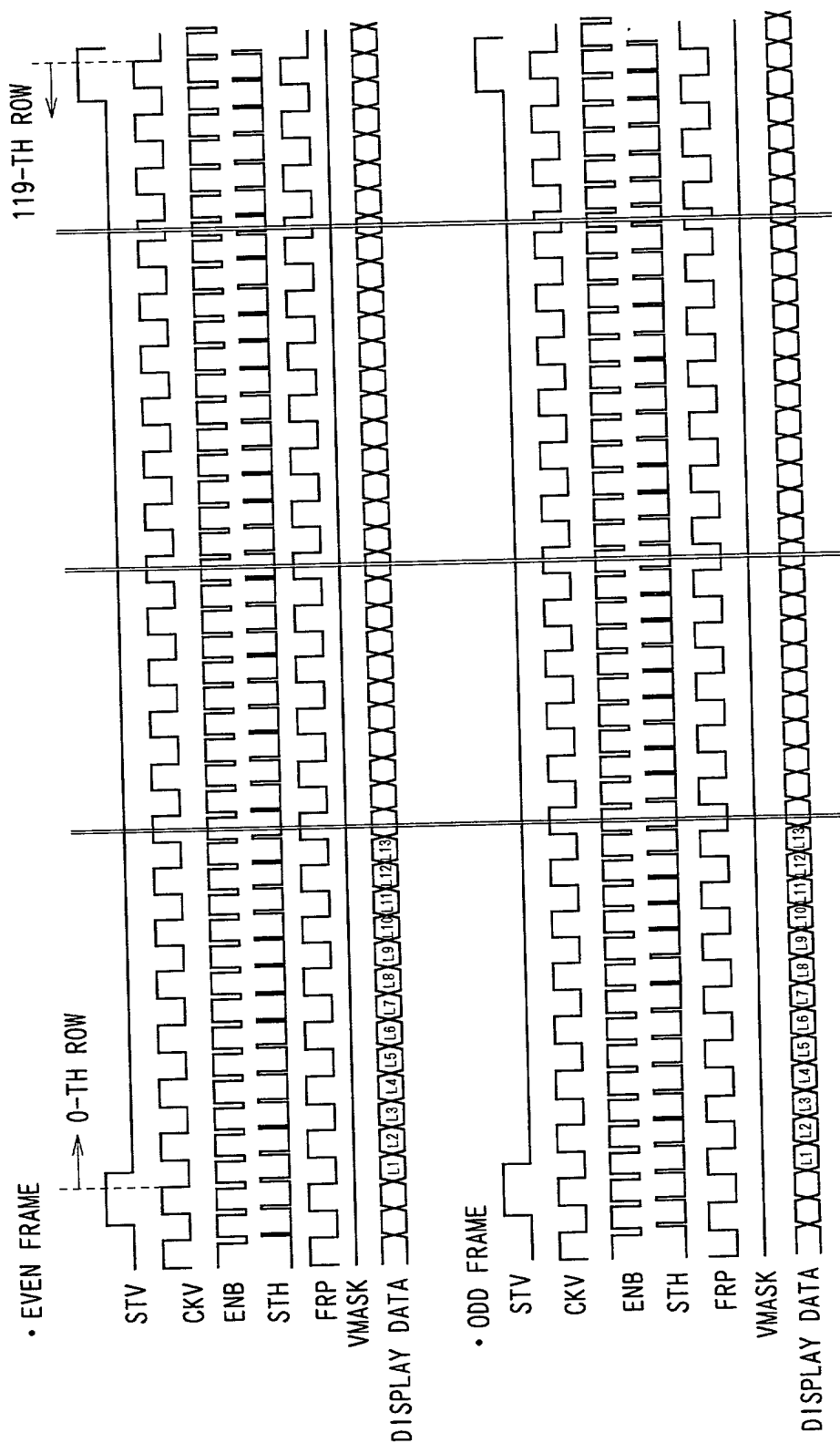
19:1H WIDTH CONTROL CIRCUIT



DECODER1 : if (COUNT=10)	→H
else	→L
DECODER2 : if (COUNT=120)	→H
else	→L

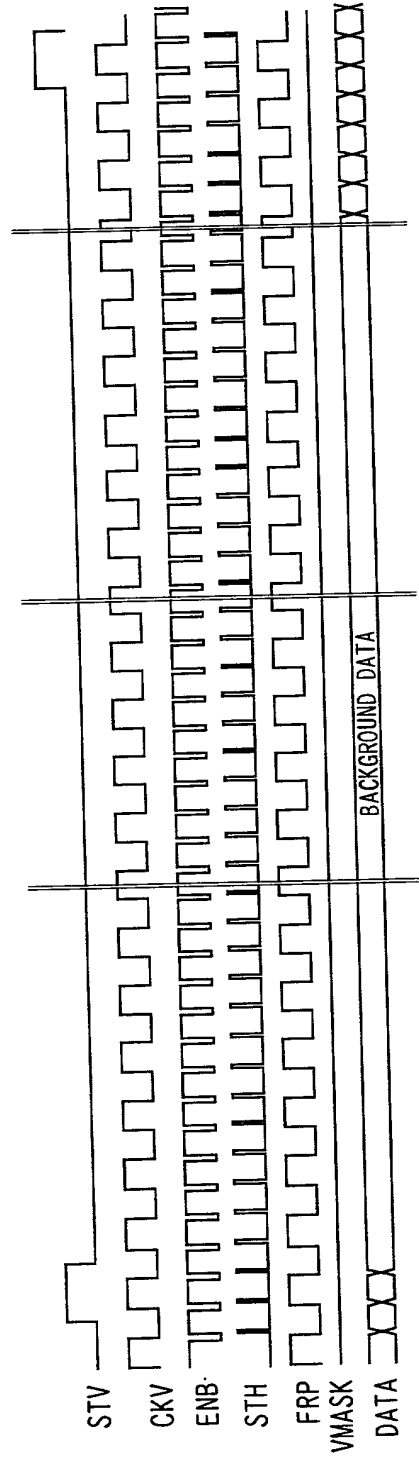
FIG. 7

[illegible]



TIMING CHART IN NORMAL DISPLAY

FIG. 9



TIMING CHART IN BACKGROUND DISPLAY

FIG. 10

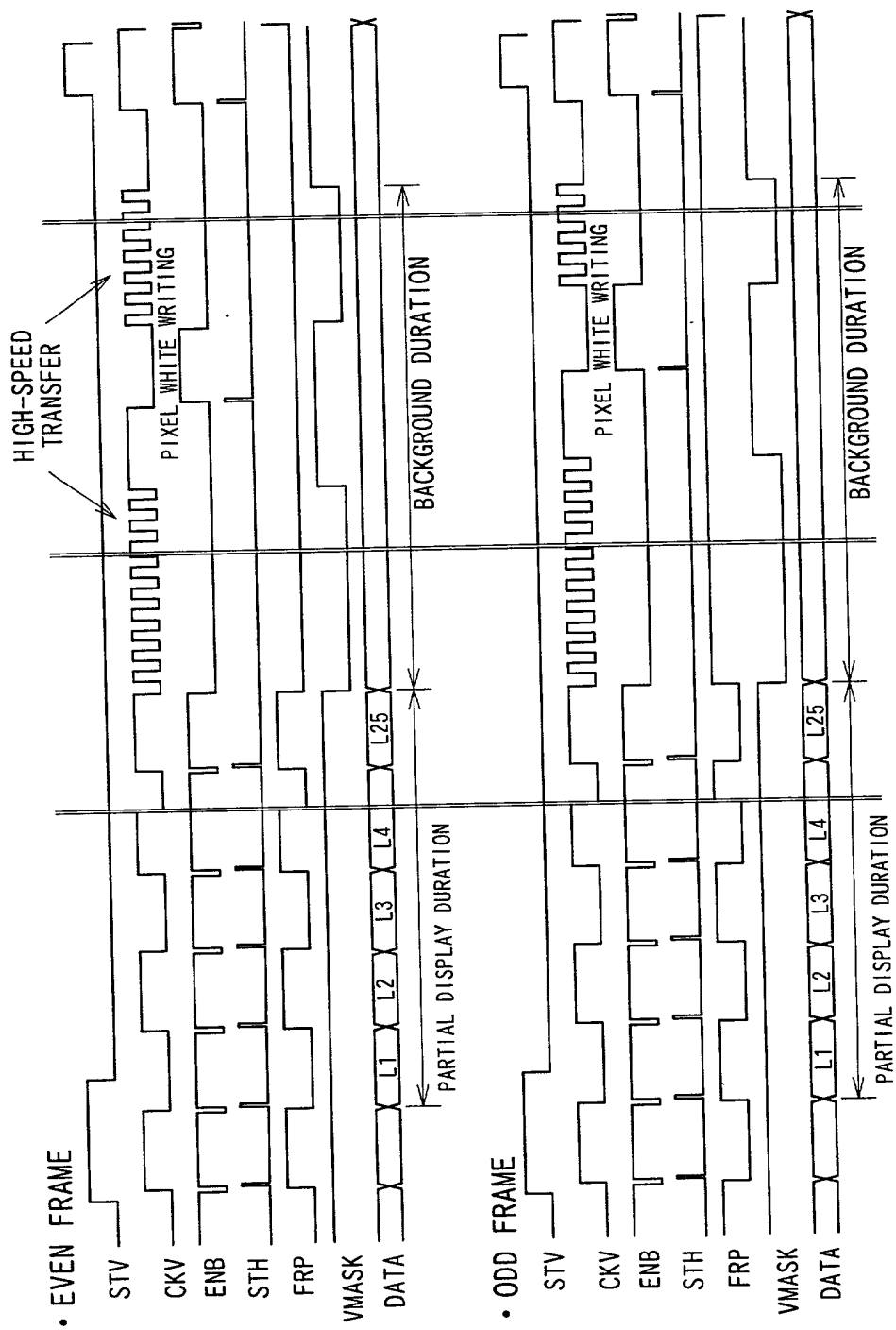
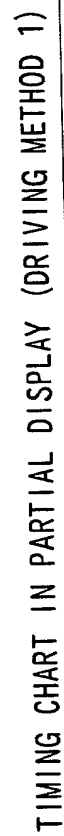
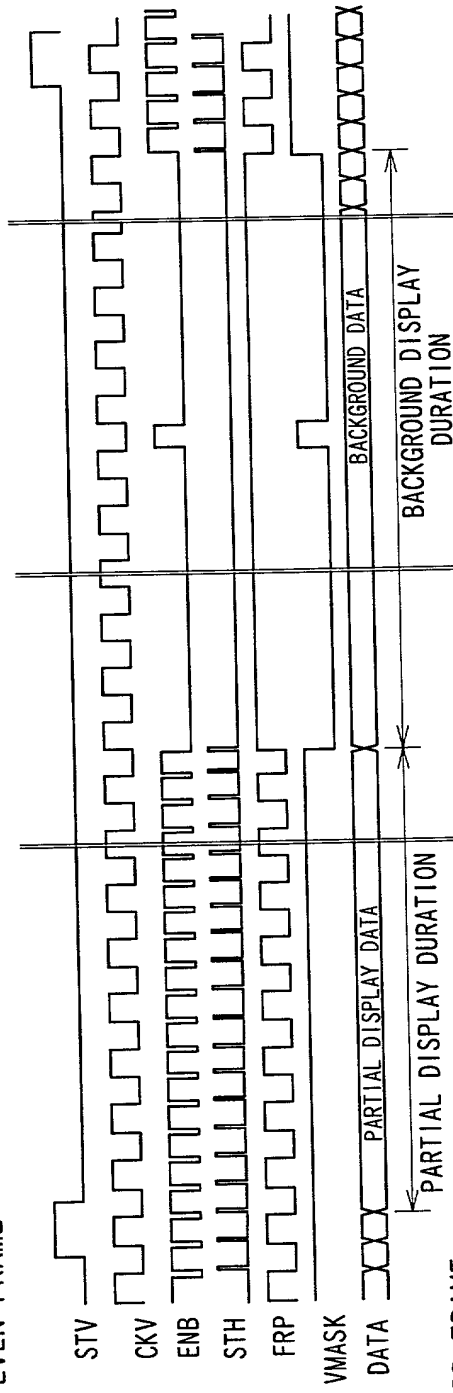


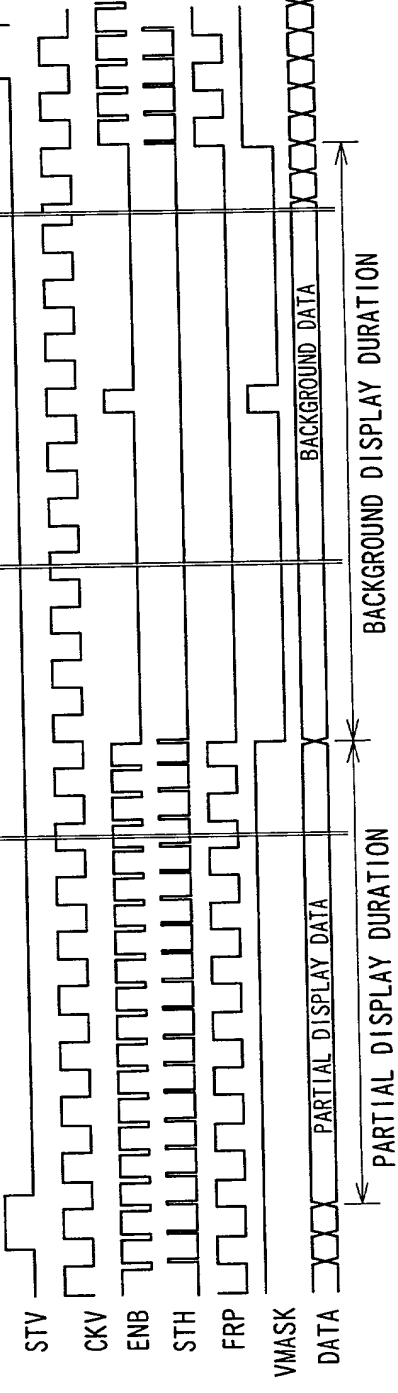
FIG. 11



• EVEN FRAME

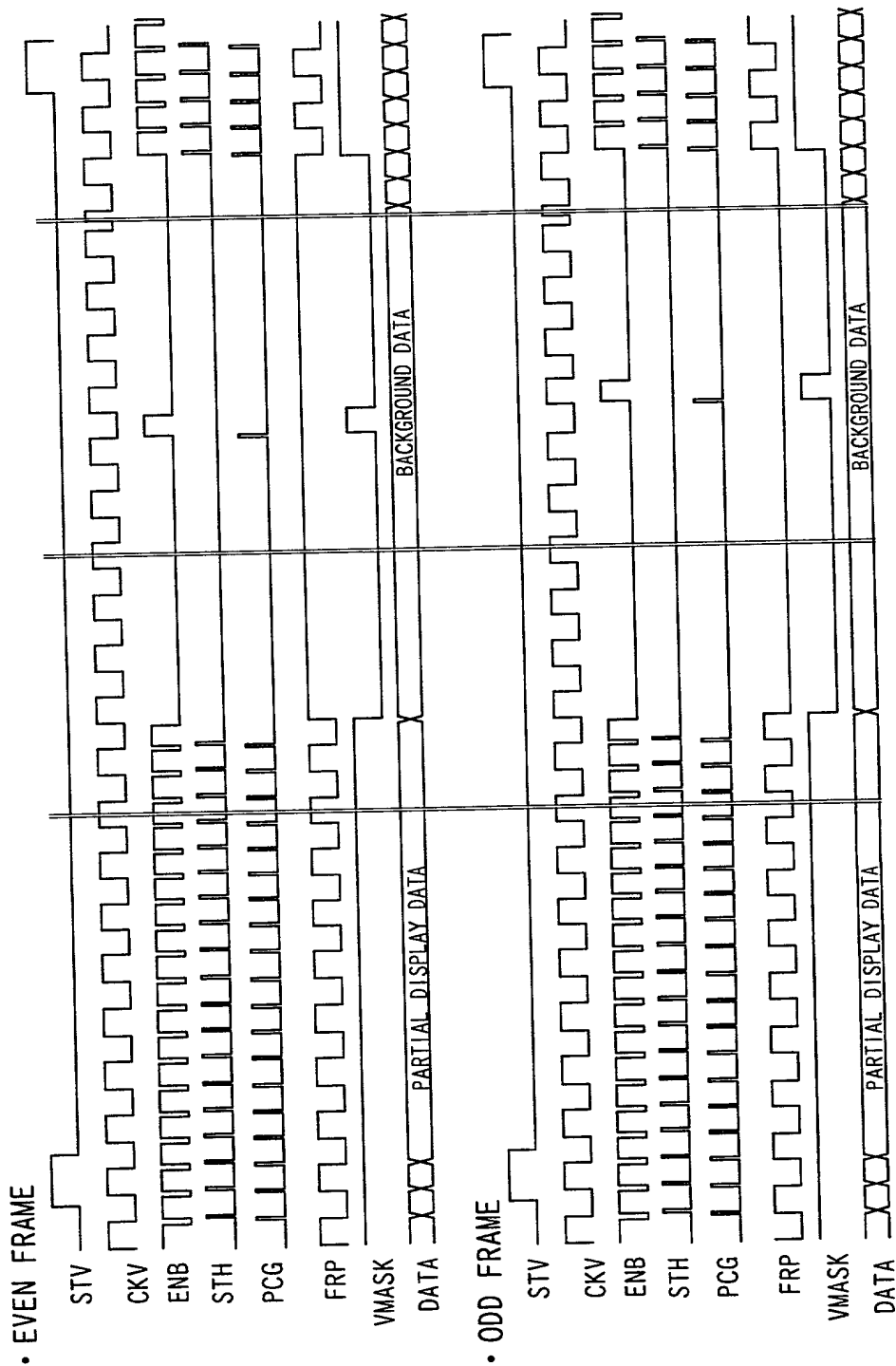


• ODD FRAME



TIMING CHART IN PARTIAL DISPLAY (DRIVING METHOD 2)

FIG. 13



TIMING CHART IN PARTIAL DISPLAY (DRIVING METHOD 3)

FIG. 15

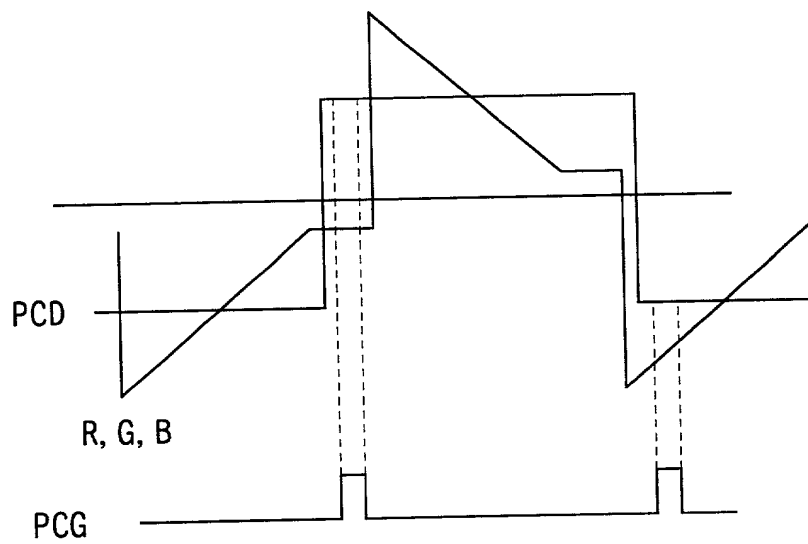
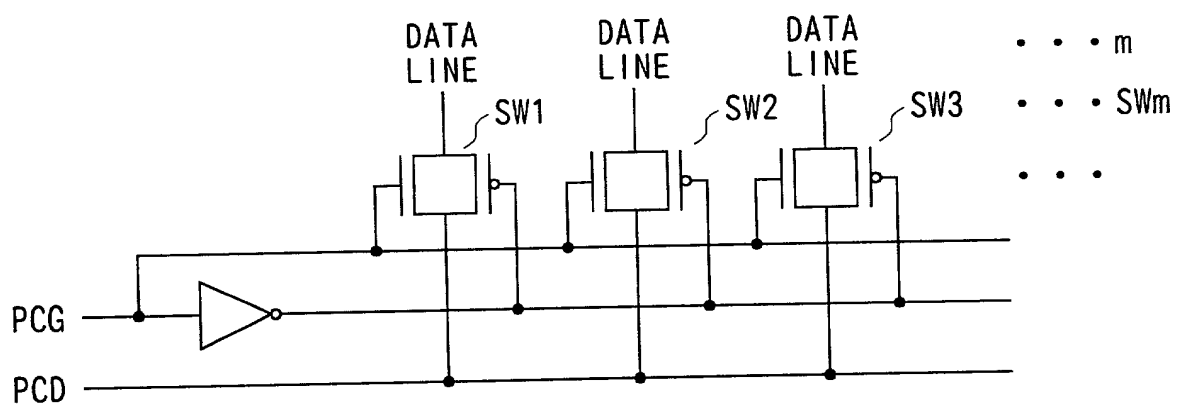
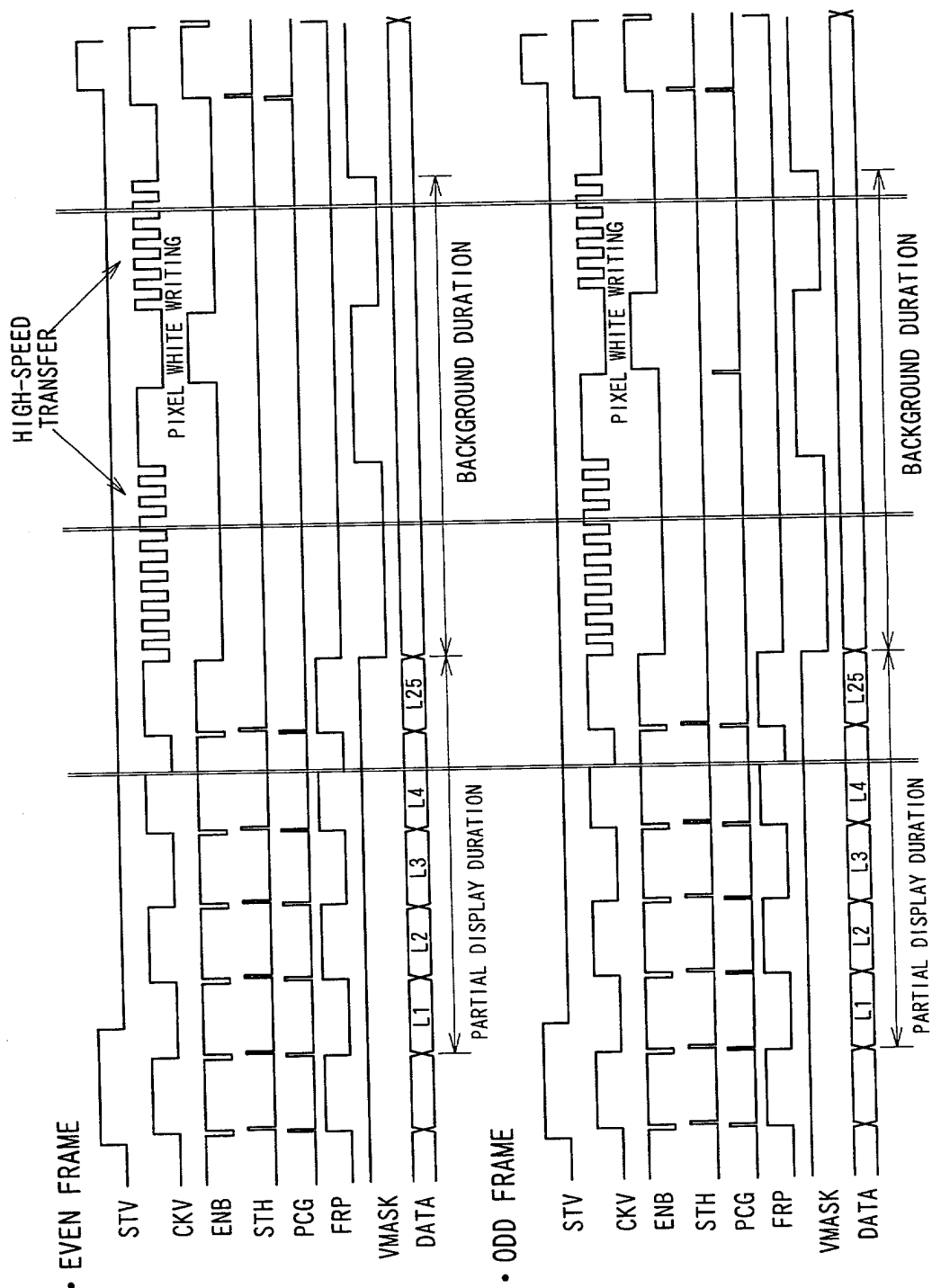


FIG. 16



230 : PRE-CHARGE DRIVER

FIG. 17



TIMING CHART IN PARTIAL DISPLAY (DRIVING METHODS 3 AND 4)

FIG. 18

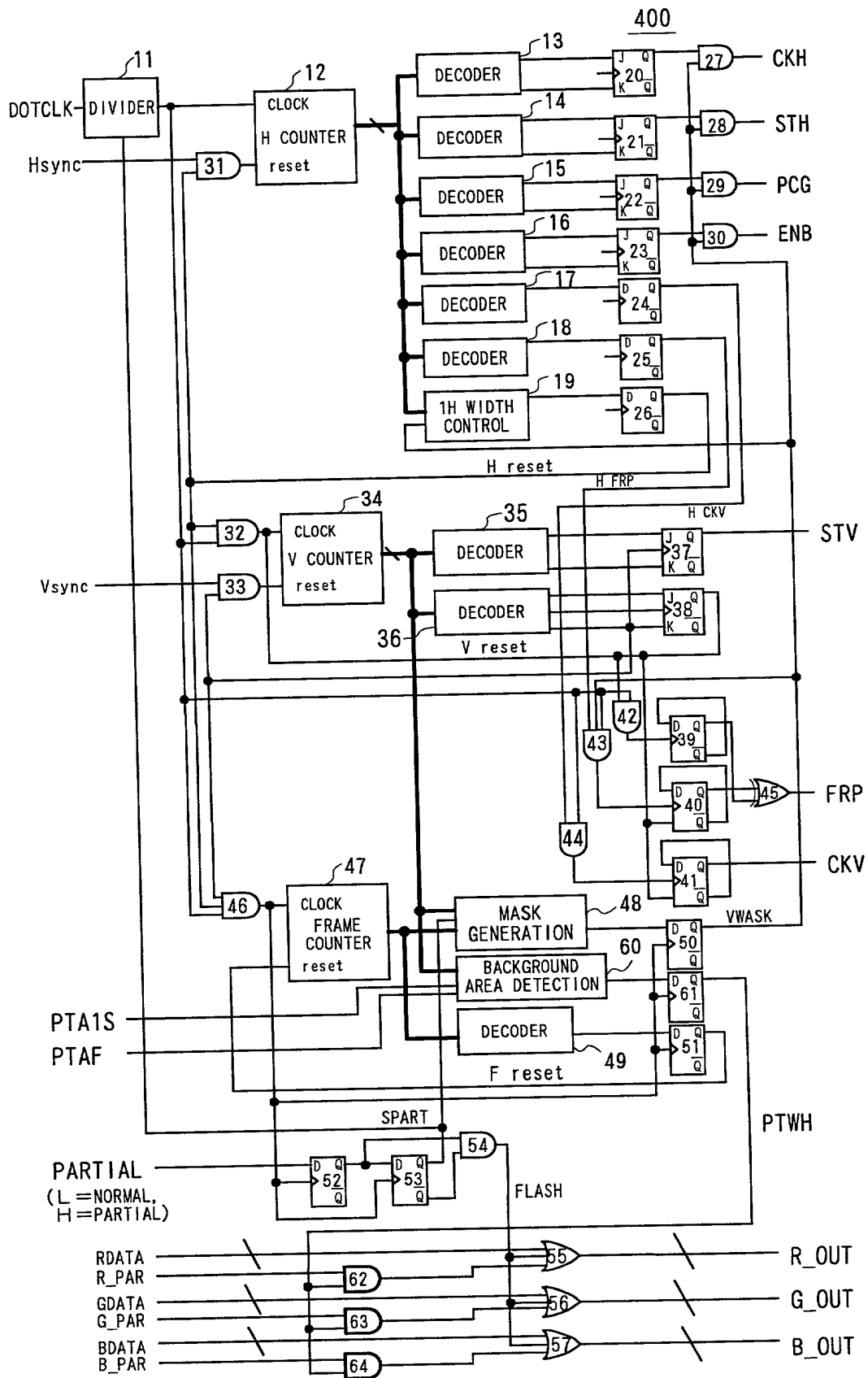


FIG. 19

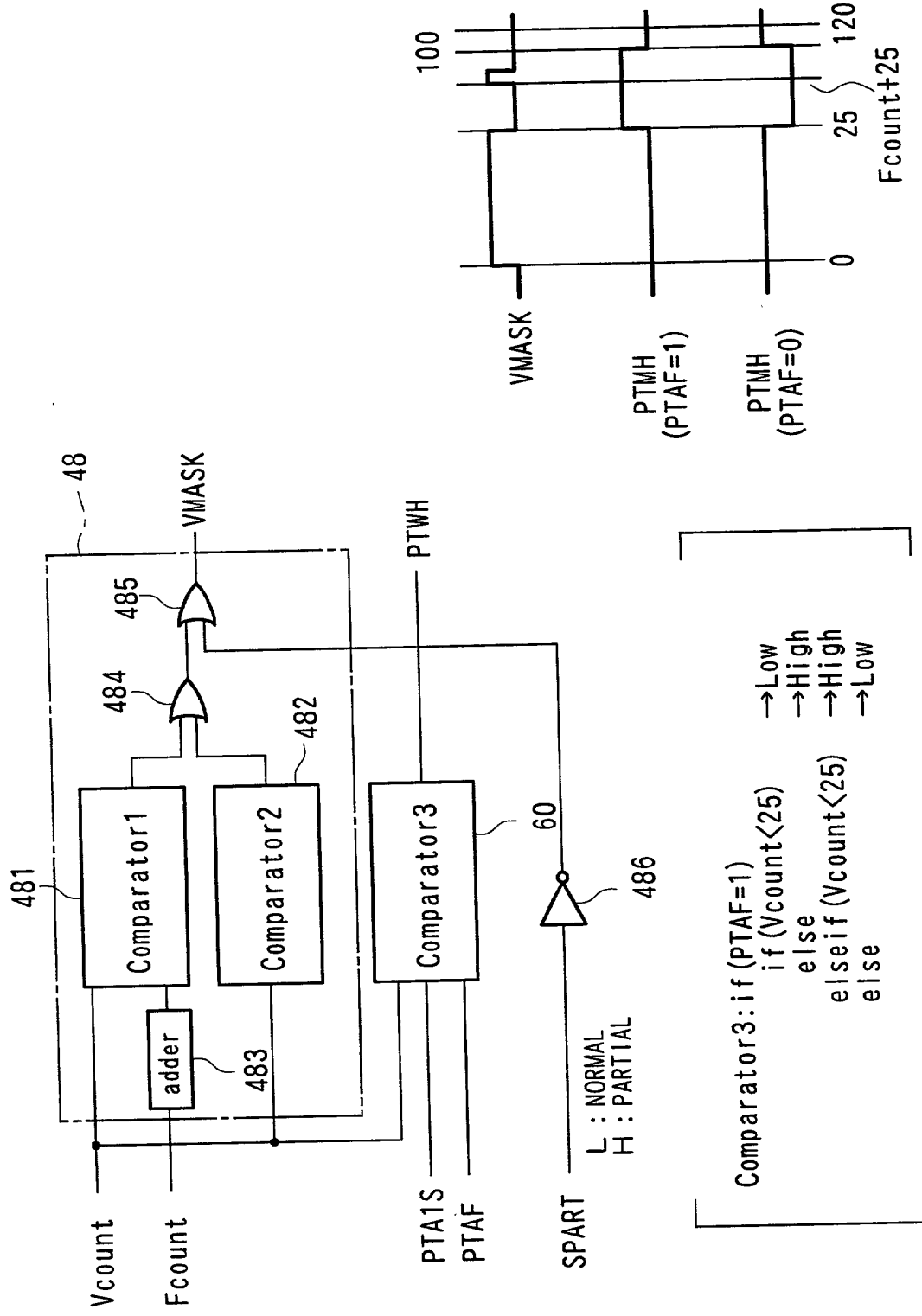


FIG. 20

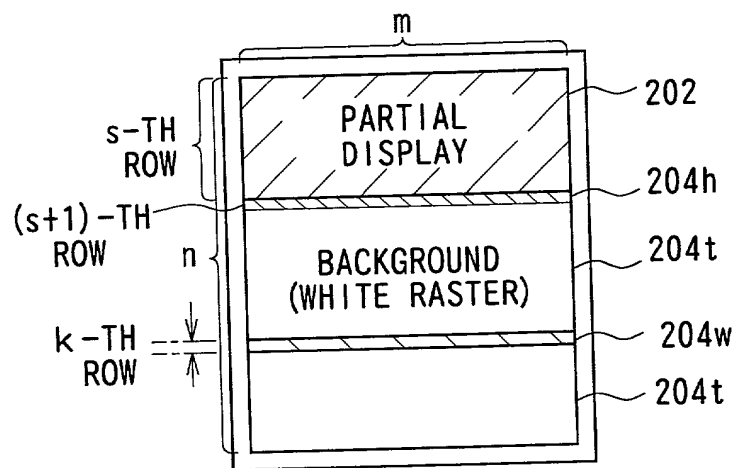


FIG. 21

```
Comparator3: if (PTAF=1)
               if (Vcount<25+1) →Low
               else                →High
           elseif (Vcount<25)      →High
           else                    →Low
```

FIG. 22

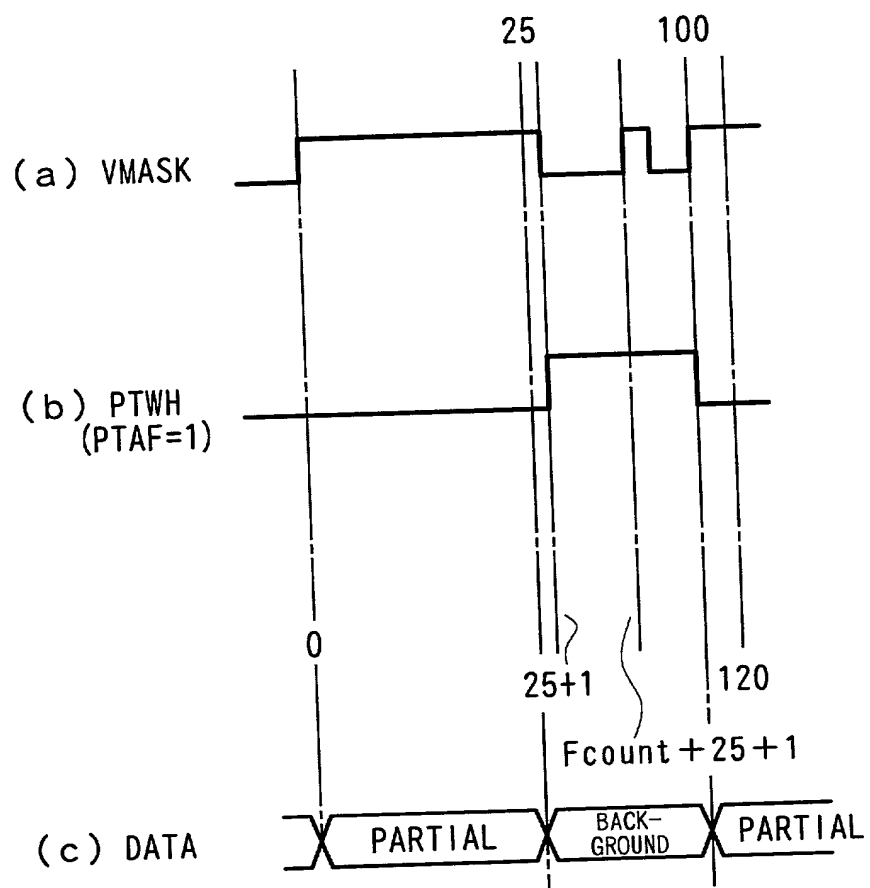


FIG. 23

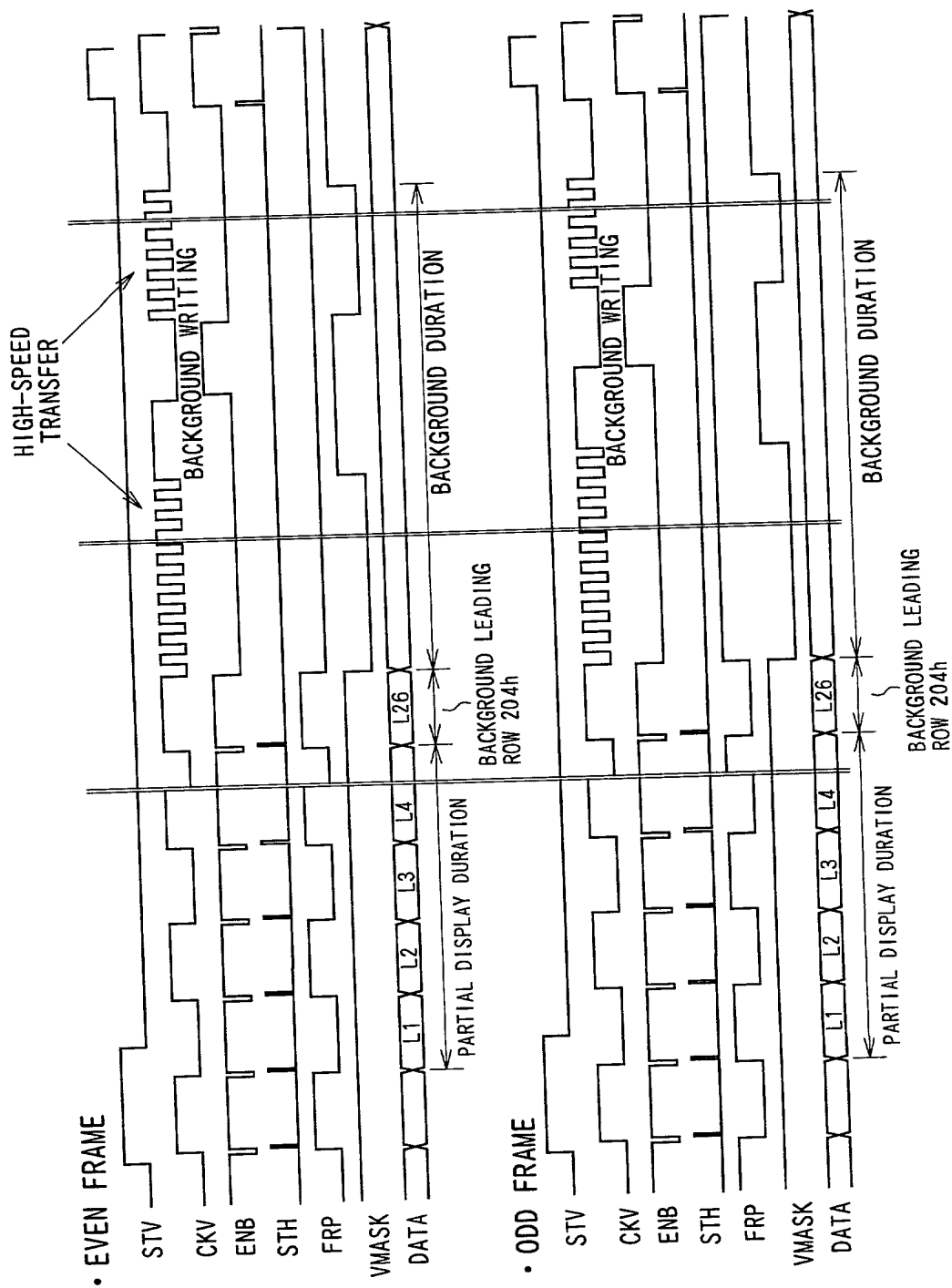


FIG. 24

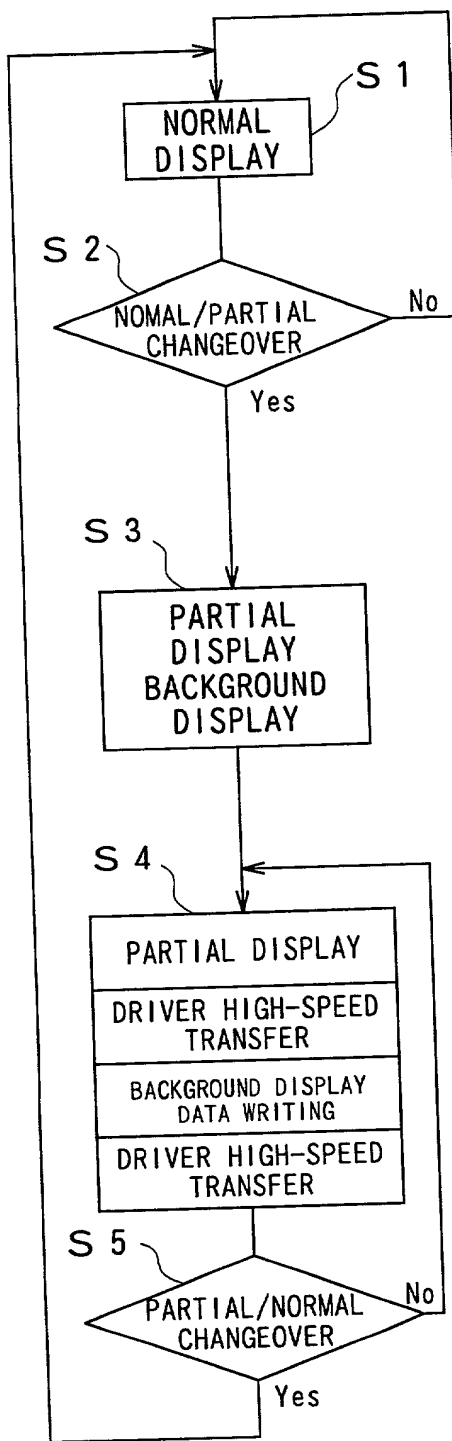


FIG. 25 (d)

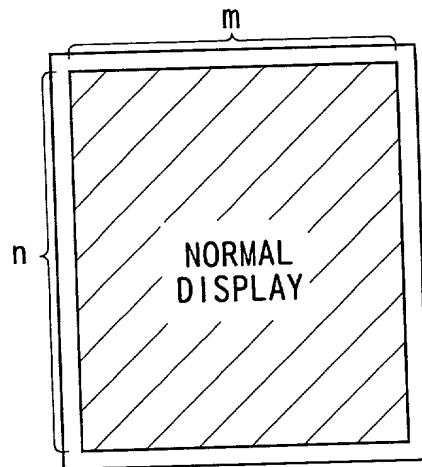


FIG. 25 (a)

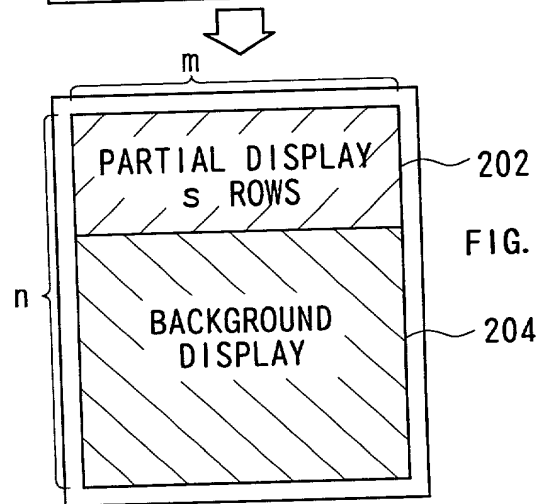


FIG. 25 (b)

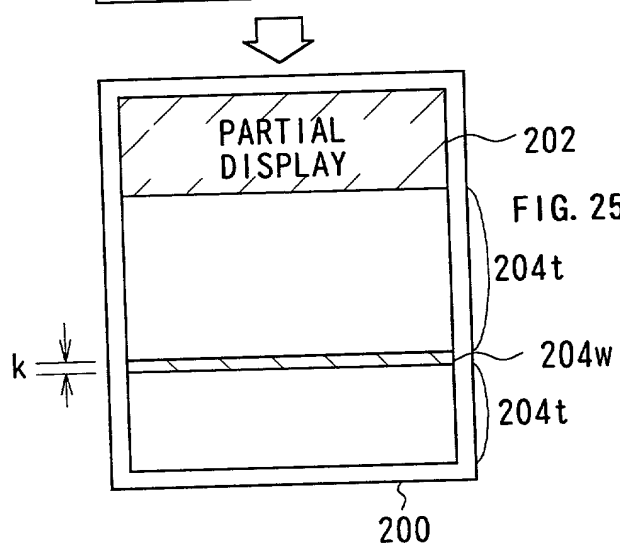


FIG. 25 (c)

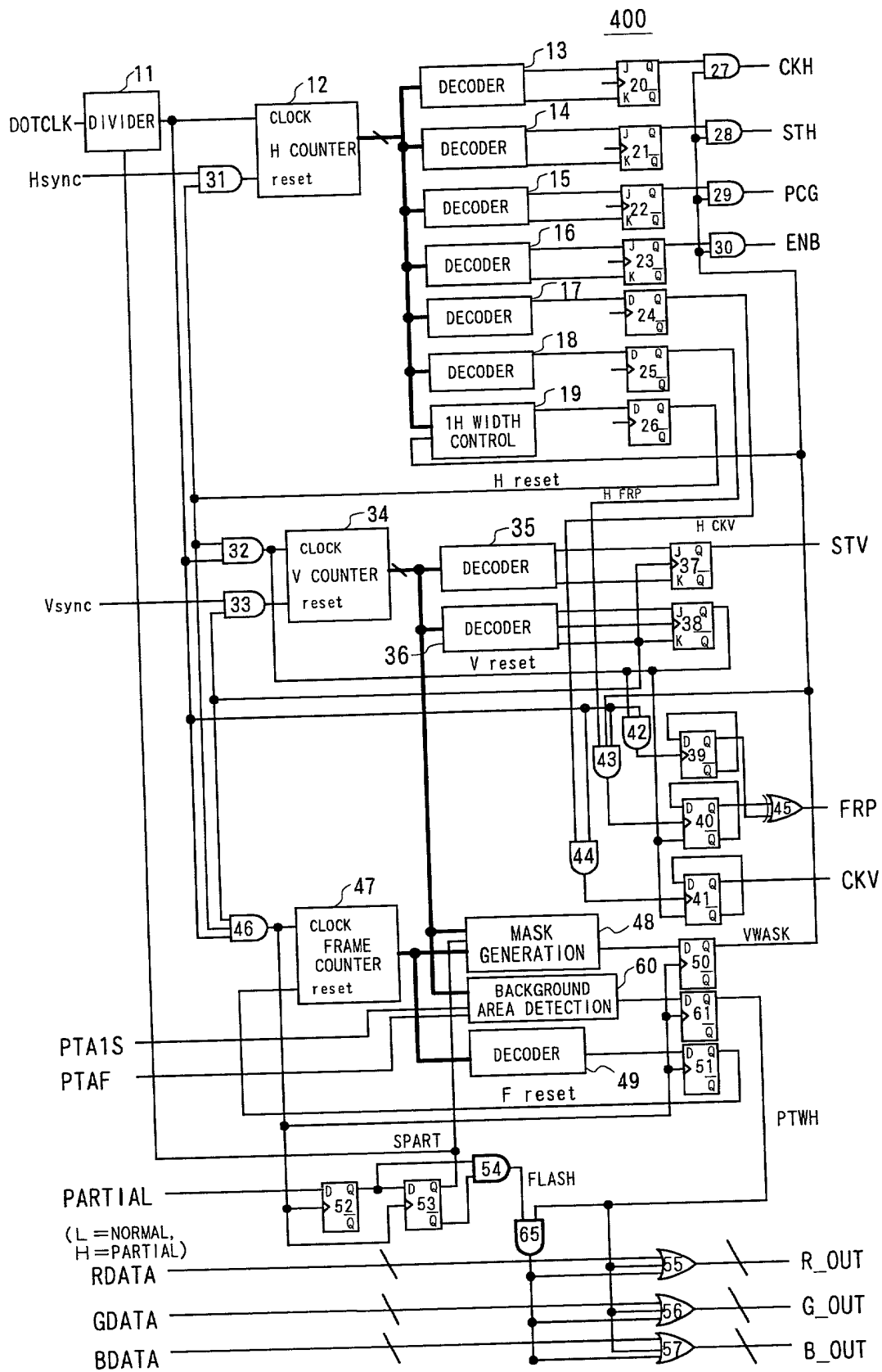


FIG. 26